

AMENDMENTS TO THE CLAIMS

1-21. (Canceled)

22. (Currently Amended) A cooking appliance, comprising:

a rack frame including at least one of a base frame ~~[[and/or]]~~ and an upper frame and at least one insertion column with a plurality of insertion levels;

a reference body via which measured values of a cooking process can be detected; and

a positioning device for ~~[[the]]~~ positioning the reference body, the positioning device being attached to the rack frame via two joining pieces which extend essentially vertically upward or downward from the base frame or the upper frame. 11

23. (Previously Presented) The cooking appliance of claim 22, wherein the positioning device has a beam- or plate-like section running essentially horizontally between the two joining pieces.

24. (Previously Presented) The cooking appliance of claim 22, wherein the positioning device is arranged roughly in the center of the height of the rack frame.

25. (Previously Presented) The cooking appliance of claim 22, wherein the positioning device includes a recess disposed between the two joining pieces to receive the reference body.

26. (Previously Presented) The cooking appliance of claim 25, wherein the recess has a holding device that holds the reference body.

27. (Previously Presented) The cooking appliance of claim 26, wherein the positioning device includes a sleeve extending from the recess.

28. (Previously Presented) The cooking appliance of claim 22, wherein the reference body is a ceramic, a clay, a porcelain, a Teflon or a carbon fiber tube, or the reference body comprises a granulate filled sleeve.

29. (Previously Presented) The cooking appliance of claim 22, wherein the reference body is arranged angled with reference to at least one of the two joining pieces.

30. (Previously Presented) The cooking appliance of claim 22, further including at least one sensor arranged in and/or on the reference body, the sensor being operatively connected to a control and/or a regulation unit of the cooking appliance.

31. (Previously Presented) The cooking appliance of claim 30, wherein the sensor detects at least one climate parameter, comprising one of a temperature value within the cooking appliance, a temperature rise, a moisture content, or a moisture rise.

32. (New) Oven rack for a cooking appliance, comprising:
a frame holding at least one insertion column with a plurality of insertion levels;
a reference body;
a positioning device to position the reference body; and
a sensor or a cooking process probe arranged in and/or on the reference body to measure values of a cooking process, wherein

the positioning device is attached to the oven rack by at least two joining pieces extending substantially perpendicularly upwardly or downwardly from a base frame or an upper frame of the frame.

33. (New) The oven rack according to Claim 32, wherein positioning device comprises a positioner having a beam- or plate-like section running substantially horizontally between the joining pieces.

34. (New) The oven rack according to Claim 33, wherein the positioner is arranged substantially centrally of the height of the frame.

35. (New) The oven rack according to Claim 33, wherein the positioner has a recess to receive the reference body.

36. (New) The oven rack according to Claim 35, wherein the recess has a holding device for the reference body.

37. (New) The oven rack according to Claim 35, wherein the positioner has a sleeve that extends from the recess.

38. (New) The oven rack according to Claim 33, wherein the positioner comprises metal.

39. (New) The oven rack according to Claim 32, wherein the reference body is a ceramic, clay, porcelain, Teflon, or carbon fiber tube, or the reference body comprises a granulate-filled sleeve.

40. (New) The oven rack according to Claim 37, wherein the reference body is substantially fully enclosed by the sleeve, and an opening of the sleeve extends laterally along a longitudinal direction.

41. (New) The oven rack according to Claim 40, wherein a bottom of the sleeve has a further opening.

42. (New) The oven rack according to Claim 32, wherein the reference body is arranged at a non-perpendicular angle with respect to one of the joining pieces.

43. (New) The oven rack according to Claim 32, wherein the sensor or cooking process probe detects at least one climate parameter.

44. (New) The oven rack according to Claim 32, wherein the measured values determine a dew point.

45. (New) The oven rack according to Claim 35, wherein the recess is centered between the joining pieces to receive the reference body.

46. (New) The oven rack according to Claim 36, wherein the holding device for the reference body comprises one of clamps, boots, hook-in devices, and snap-in devices.

47. (New) The oven rack according to Claim 32, wherein the reference body comprises a granulate-filled sleeve and wherein the granulate is encapsulated.

48. (New) The oven rack according to Claim 37, wherein the sleeve has an opening that discharges into the recess.

49. (New) The oven rack according to Claim 32, wherein the reference body is arranged at an angle of about 45° with respect to one of the joining pieces.

50. (New) The oven rack according to Claim 43, wherein the a climate parameter comprises one of a temperature value within the cooking appliance, a temperature rise, a moisture content, or a moisture rise.

51. (New) The oven rack according to Claim 35, wherein the recess is positioned between the joining pieces.